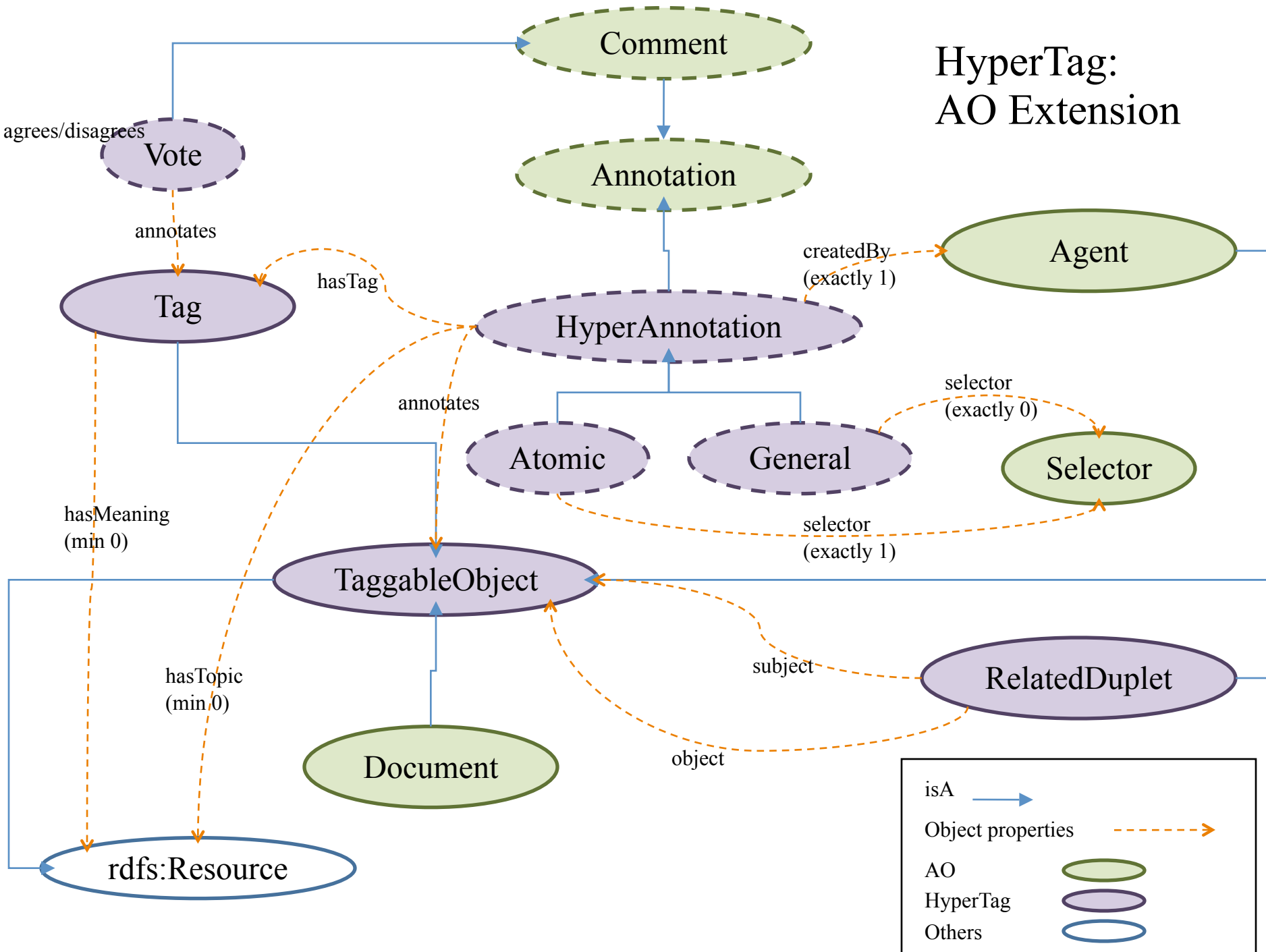
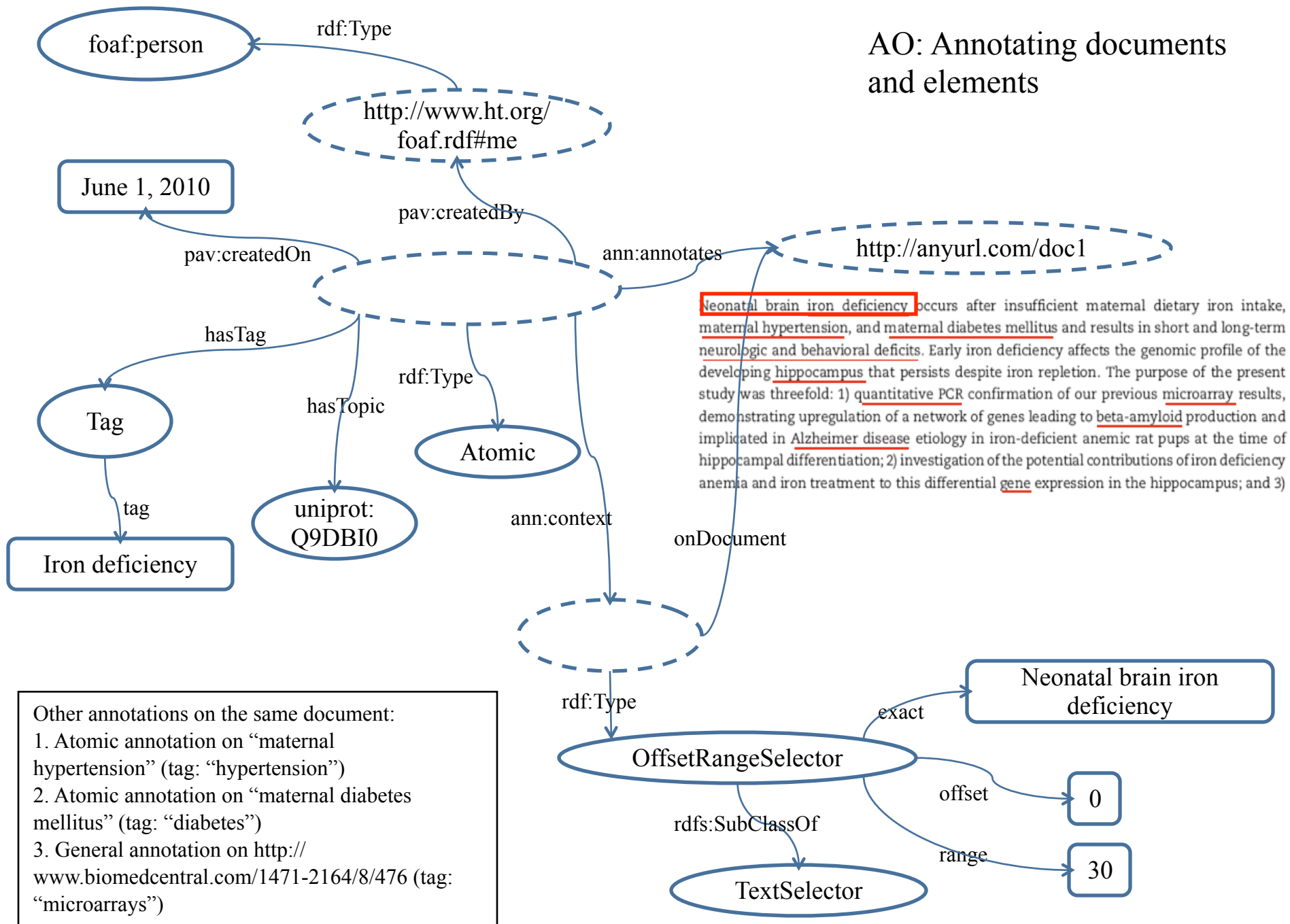


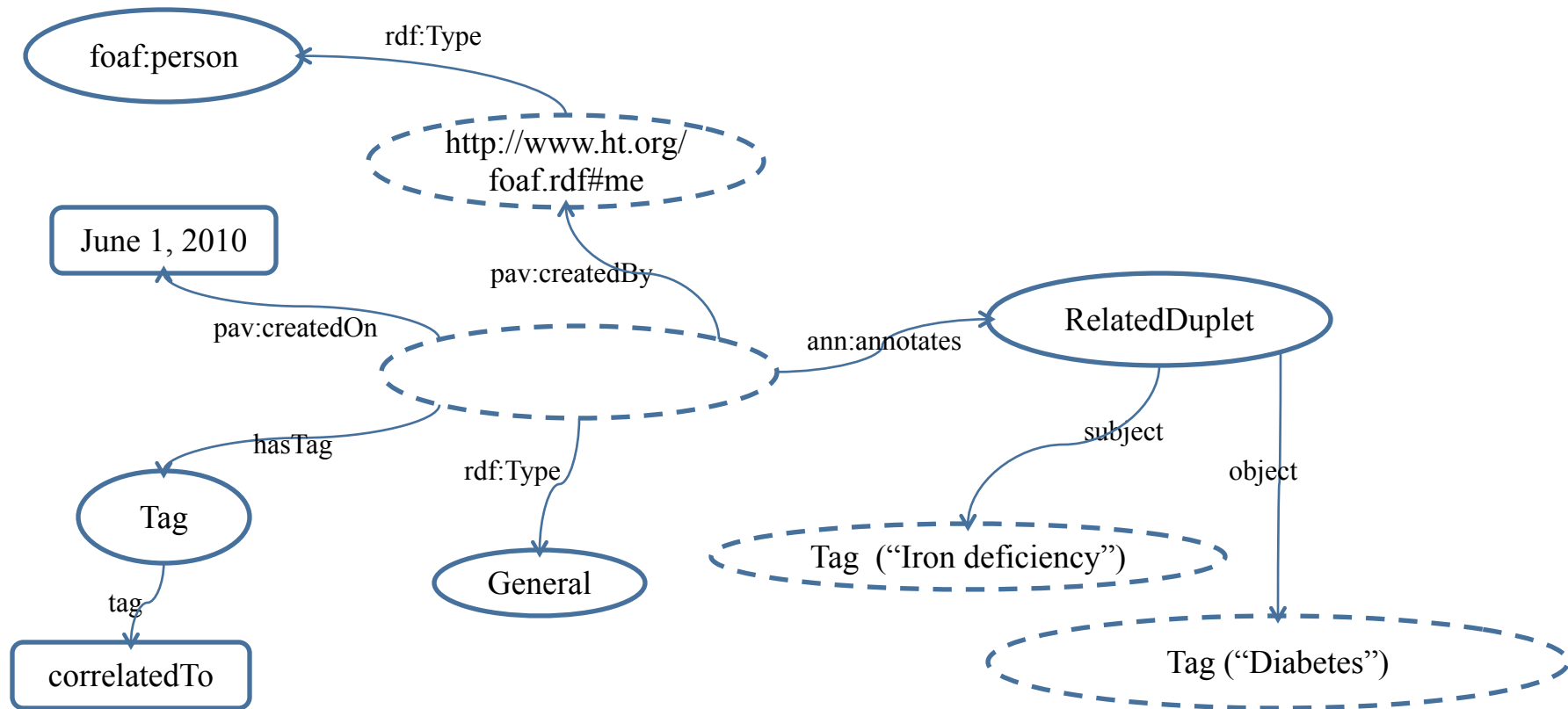
HyperTag: AO Extension



AO: Annotating documents and elements

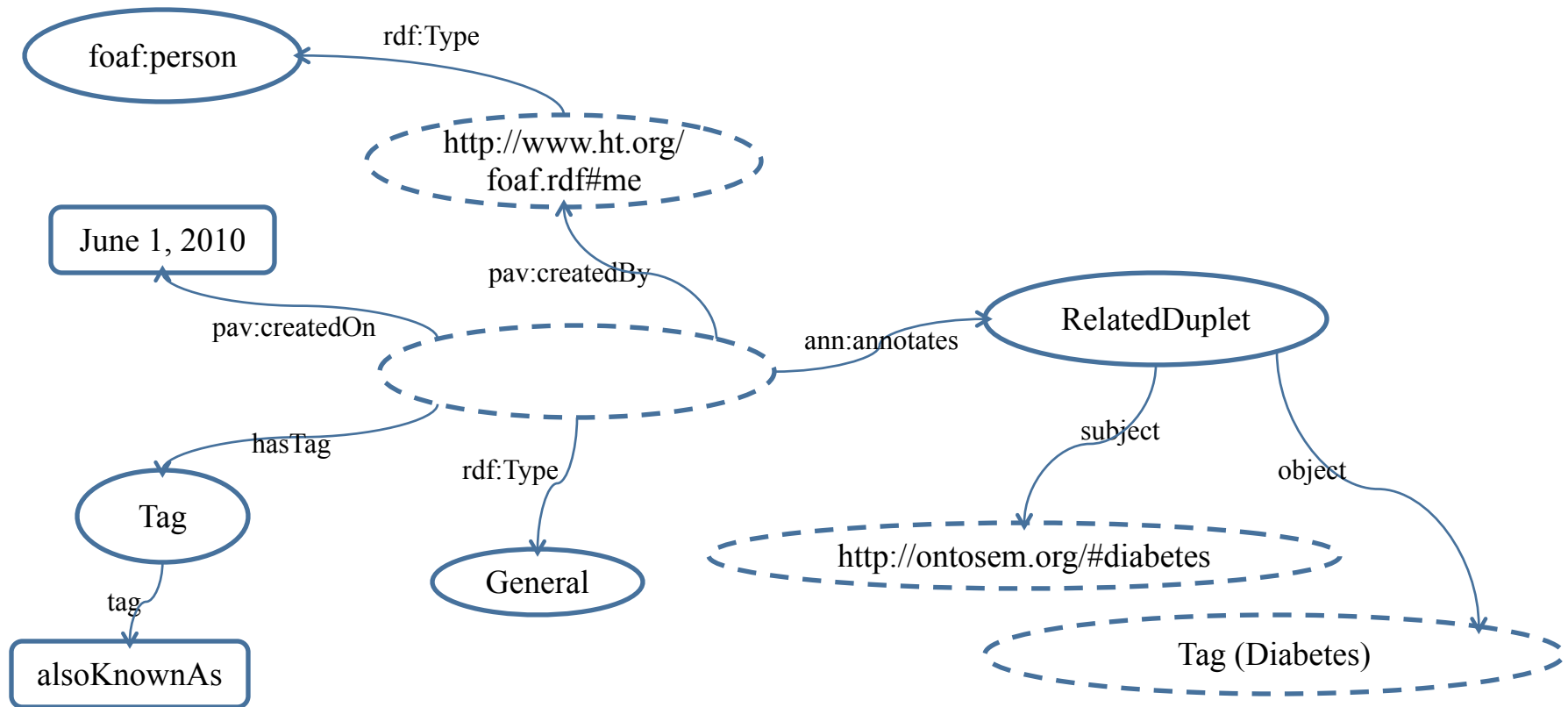


HyperTag: Relating tags



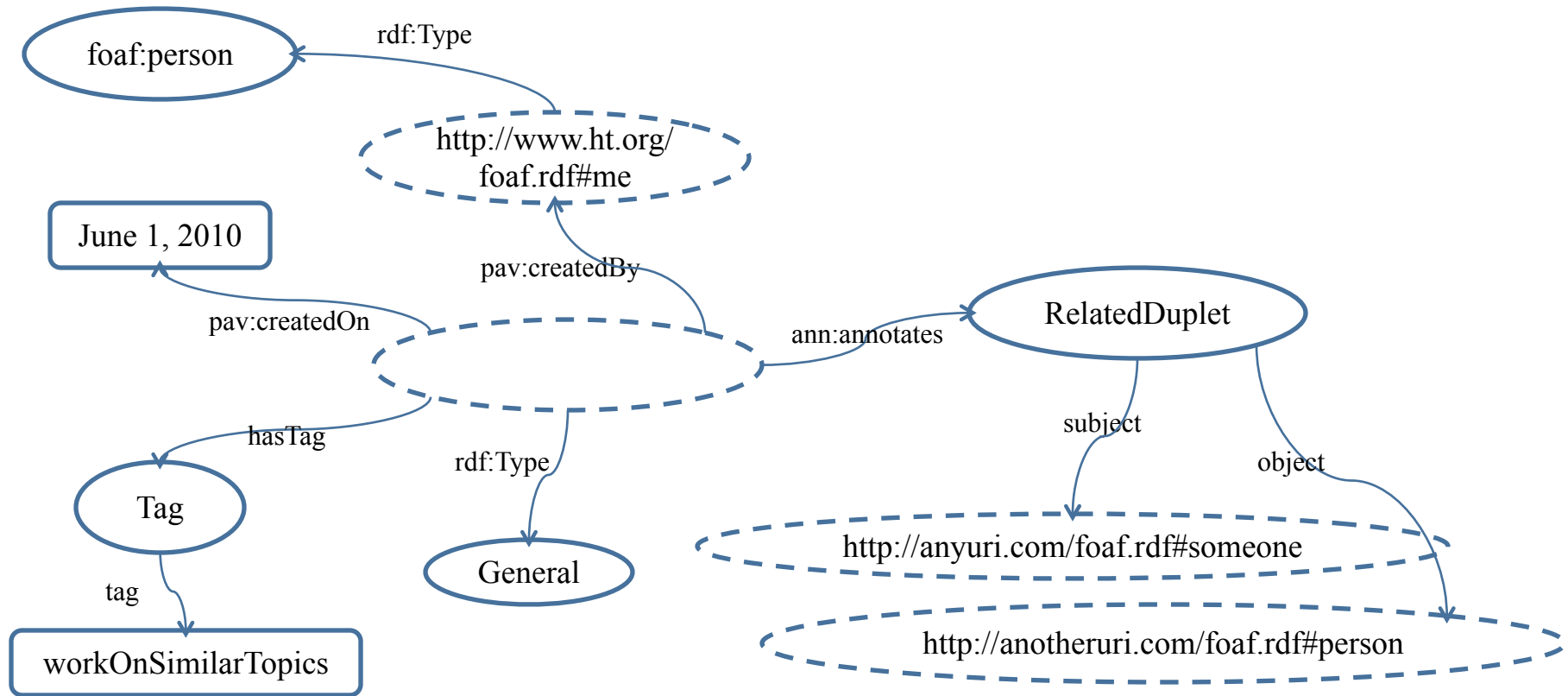
Based on recommendations and community agreements we can get meaningful relations, even ontological relations such as owl:sameAs, owl:relatedTo, skos:broader, etc.

HyperTag: Relating semantic entities to tags



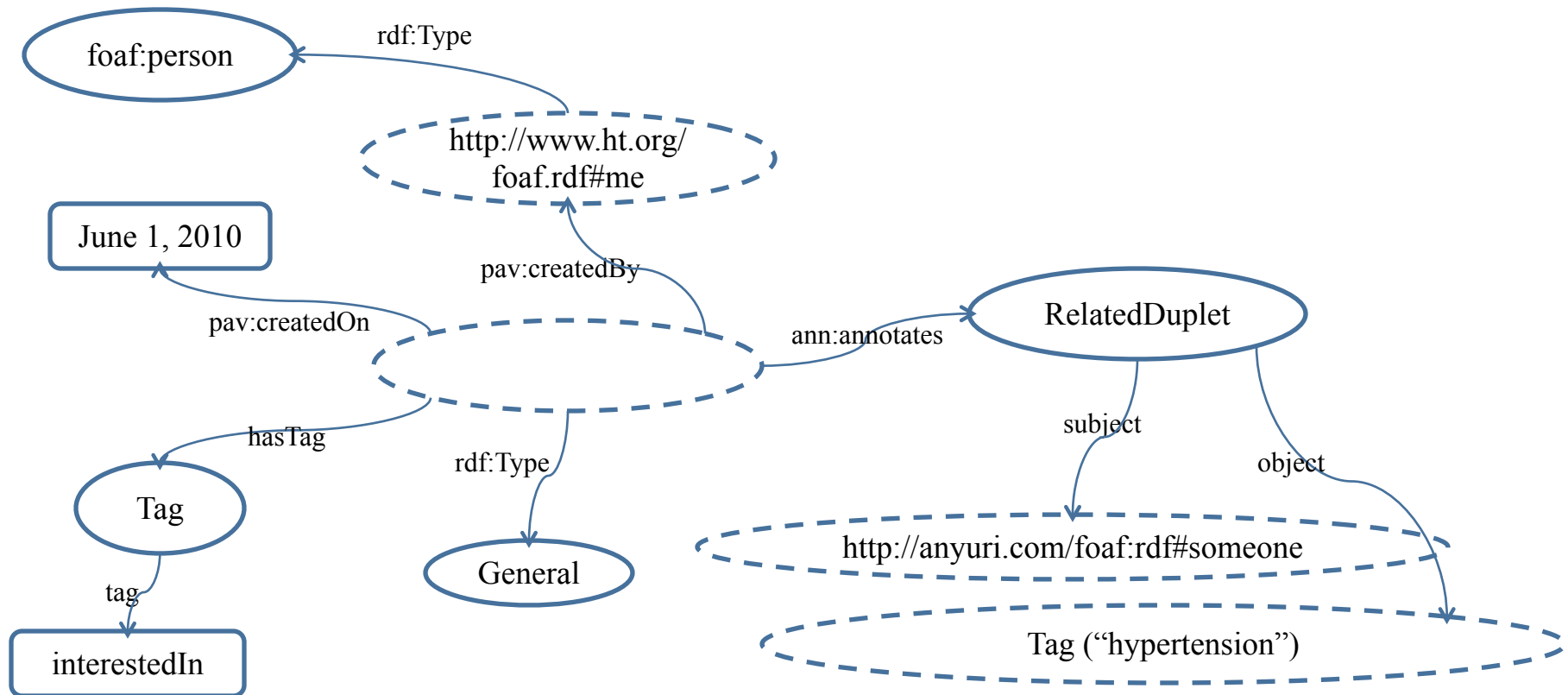
Relating semantic entities to tags
allows adding new labels or comments
to the ontology

HyperTag: Relating agents



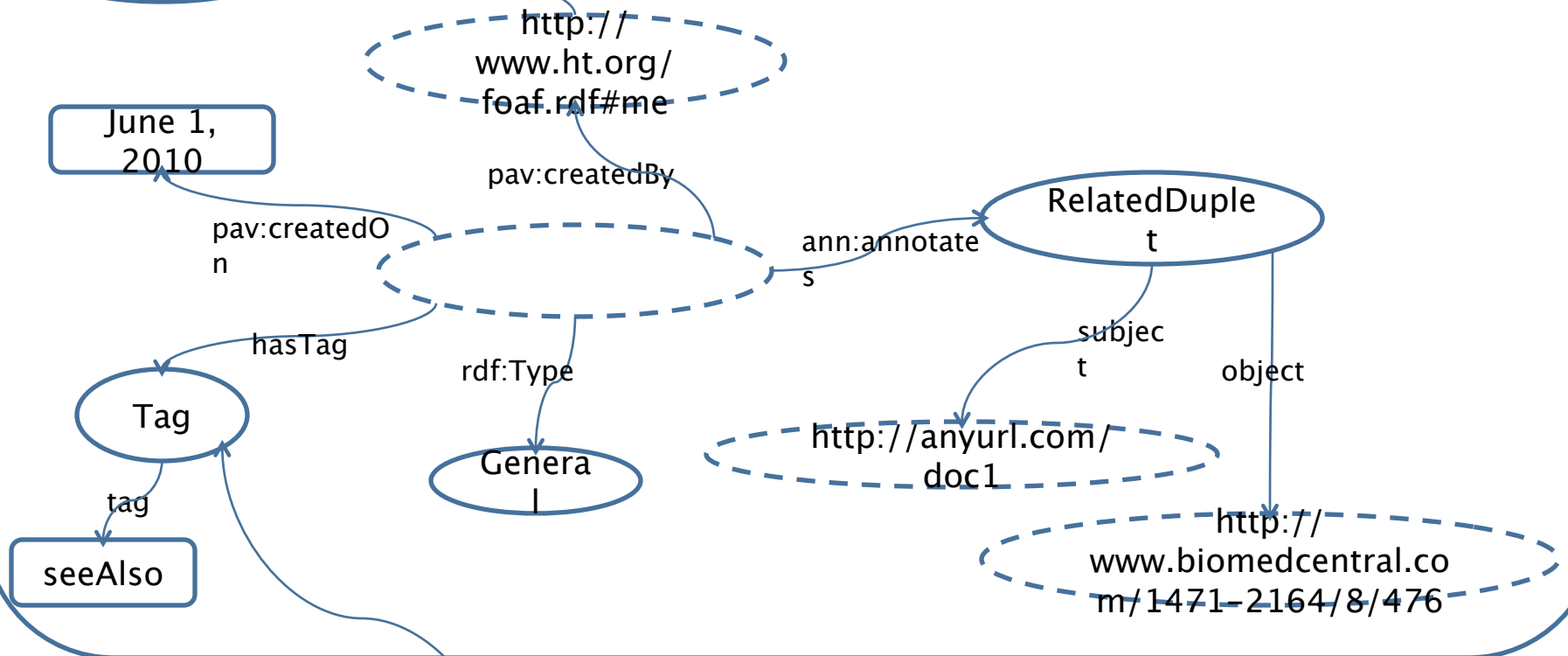
Relating agents facilitates linking and networking communities

HyperTag: Relating agents to tags

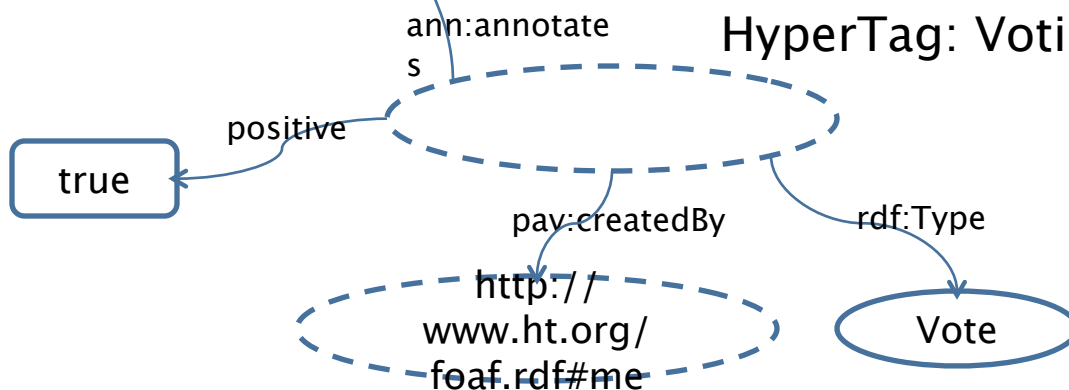


Relating agents to tags also facilitates linking and networking communities

HyperTag: Relating taggable objects



HyperTag: Voting

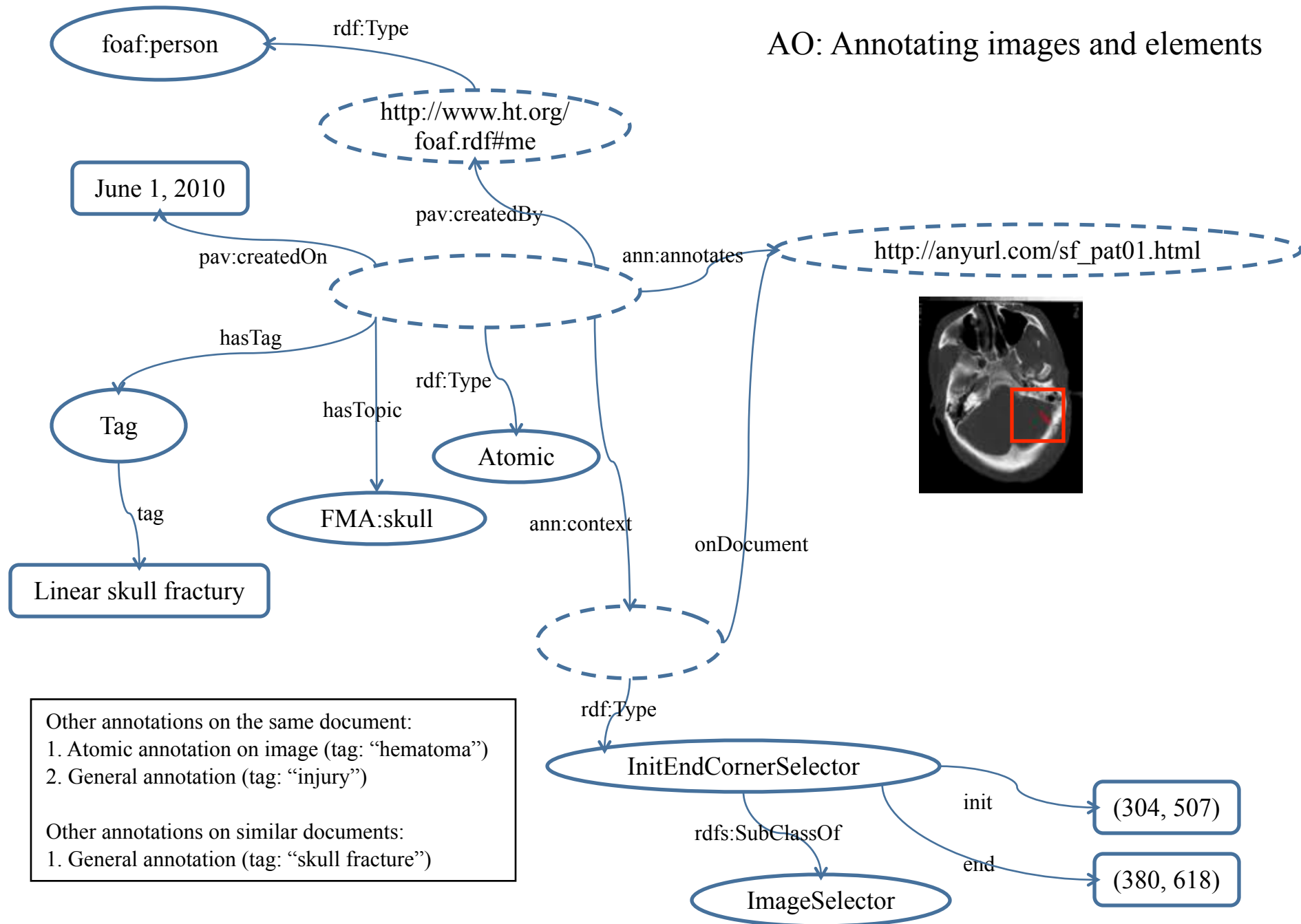


Voting is a path to consensus.

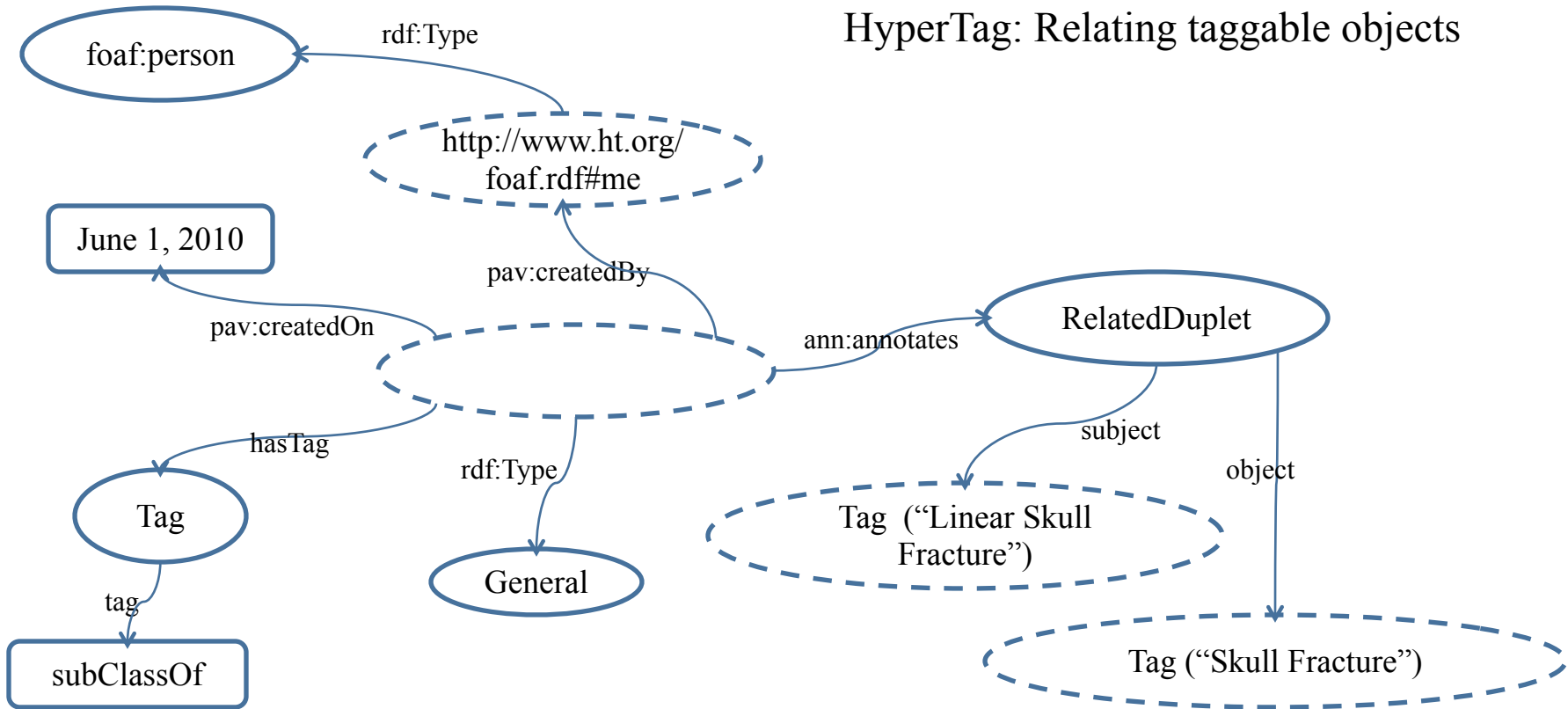
In a domain-oriented community, tags and relations can evolve to classes, properties and mappings.

RDF from annotations is always possible, therefore SPARQL is a powerful tool.

AO: Annotating images and elements



HyperTag: Relating taggable objects



Other possible relations:

1. "Fracture" subClassOf "Injury"
2. "Fracture" causes "Hematoma"
3. "Fracture" hasFractureLocation "parietal-occipital"

Ontology evolution:

FMA is related to anatomy rather than pathology, thus "hematoma", "traffic accident" would be new terms on this skull fractures ontology

Curation can be carried out by a group of domains experts voting on tags and relations, further formalization (domain, range, object property, data type property) can be done by following pre-established rules or manually